

This page as written may contain factual errors and omissions. Please see the discussion page.

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Standard name

Text for ISO/TS 19139 Geographic Information - Metadata - XML schema implementation

Authority responsible for the standard

International Organization for Standardization

Statutory requirements for supporting the standard

See ISO 19115 Geographic Information ? Metadata

Significant applications (within and outside NOAA) currently using the standard

Purpose/application

Metadata for Geographic Datasets.

Data type(s) to which the standard would apply.

All

Existing software tools that support the implementation of the standard.

- Oxygen XML Editor
- Altova XML Tools
- INSPIRE METADATA EDITOR
- Geonetwork

Detailed description/definition of the standard.

This document is issued as a "Technical Specification", rather than an "International Standard" as 19115 and others. The document references a set of XML schemas stored and served at a namespace maintained by the TC211 committee at the URL <http://www.isotc211.org/2005/gmd> . The root schema at this location is gmd.xsd which includes the other schemas in this directory and also the gco schemas at <http://www.isotc211.org/2005/gco> and the gml schemas at the OpenGIS.org website.

ISO_19139

The schemas were rigorously developed according to the "Encoding Rules" of Section 8 of the specification, from the 19115 UML diagrams by l'Equipe D'Experts en Normalisation (EDEN) de l'IGN in France. The schema from EDEN may be more up to date than the ISO TC211 schemas.

The EDEN schema have not been updated yet to include changes made in the final revision of 19115-2. The schema at NGDC include these changes.

- See ISO 19115 Geographic Information ? Metadata